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ARACHIDONIC ACID AND METHODS FOR THE  
PRODUCTION AND USE THEREOF

ABSTRACT OF THE INVENTION

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The present invention relates to processes for the production of arachidonic acid containing oils, which preferably are substantially free of eicosapentaneoic acid. The invention also relates to compositions containing such oils, in an unmodified form, and to uses of such oils. In a preferred embodiment, *Pythium insidiosum* is cultivated, harvested and the oil is extracted, recovered, and used as an additive for infant formula. In an alternative embodiment, *Mortierella alpina* is cultivated, harvested and the oil is extracted, recovered, and used as an additive for infant formula.